

SCIFER 2 (Sounding of the Cleft Ion Fountain Energization Region Two)
Tuesday January 1, 2008 Update

This is first update for SCIFER 2 collaborators and friends participating in the SCIFER 2 campaign. If you do not wish to be included in these emails, please ask to be removed from future mailings.

Breaking news:

The first hot count will be held on Wednesday January 2, 2008 with the window opening at 0600 UT. The count down begins at 0300 UT (0400 Norway time). Science station time is 0400 UT (0500 Norway time) at UNIS IPY room. A decision will be made whether to stay in town or to proceed to the KHO Auroral Observatory. The forecast tomorrow is for snow and strong winds.

Space Weather Conditions

There were two solar flares early on December 30 and the background x-ray fluxes are increasing. The solar wind velocity is currently 400 km/s up from 300 km/s 24 hours ago. An active region on the sun is just rotating into view and we expect it to be geoeffective in 5-7 days.

Current Weather Conditions:

Longyearbyen: Temperature 2.4 C (36.3 F) Wind chill -5.3 C (-22.4 F), wind speed 10 m/s (23 mph) Overcast and raining.

Andenes: Temperature -1 C (30 F), wind speed 15 km/hr (9 mph) mix of cloud and sun

Rocket/Payload status: The payload is mounted on the launcher and is operating nominally.

Local color: It is raining today in Longyearbyen on top of about 1.5 m of snow making for very slippery conditions. The temperature rose at midnight by about 20 C (36 F) in 20 minutesΣ an interesting start to the New Year.

Scientist locations on January 1, 2008:

Paul Kintner	Longyearbyen
Erik Lundberg	Lonyearbyen (after 1:55 PM)
Mark Lessard	Lonyearbyen (after 1:55 PM)
Kristina Lynch	Andenes
Meghan Mella	Andenes

Phone numbers for science launch operations

Longyearbyen Science Center at UNIS 79 02 64 48

KHO Auroral Observatory 79 02 64 70 or 71

EISCAT 79 02 12 36